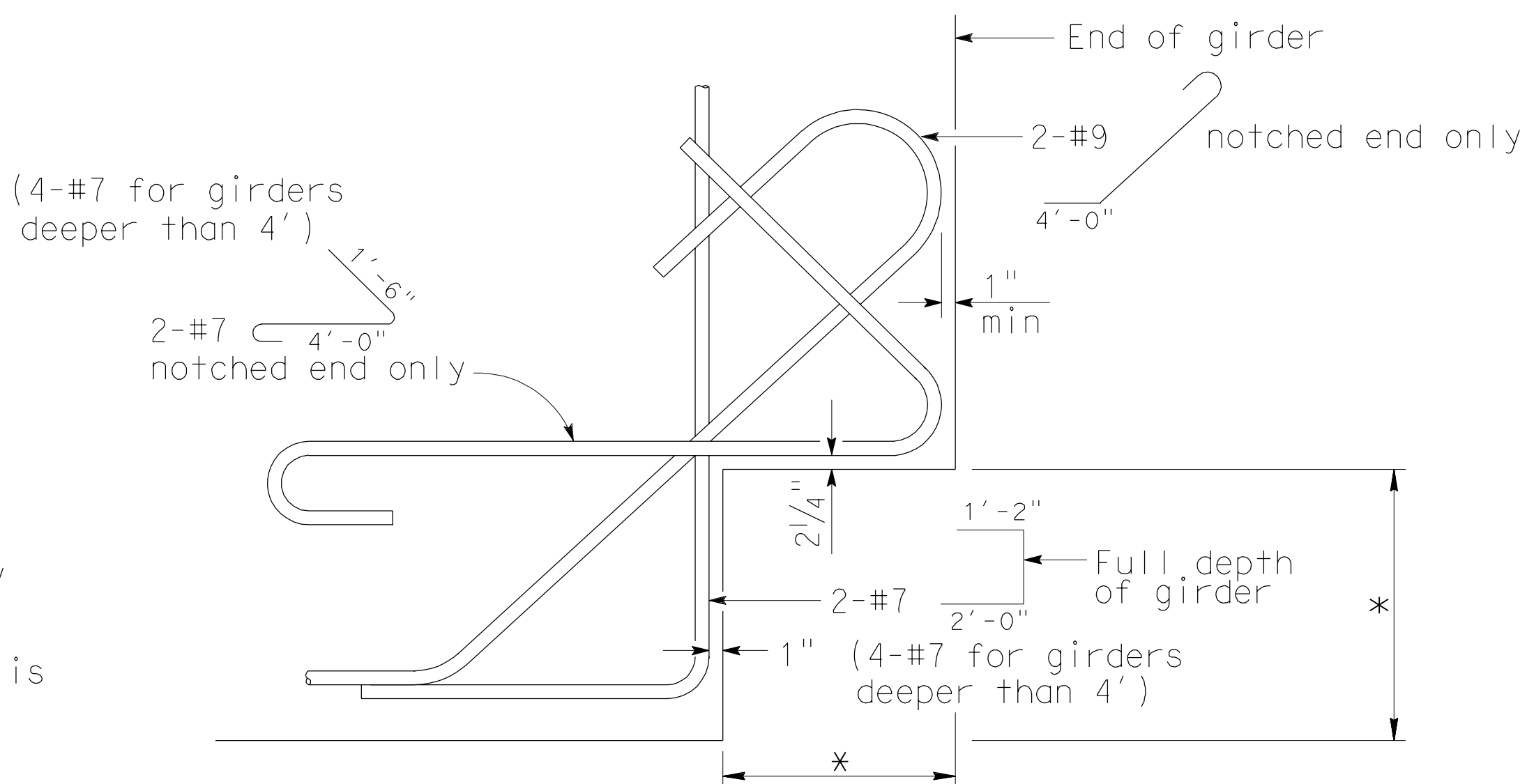


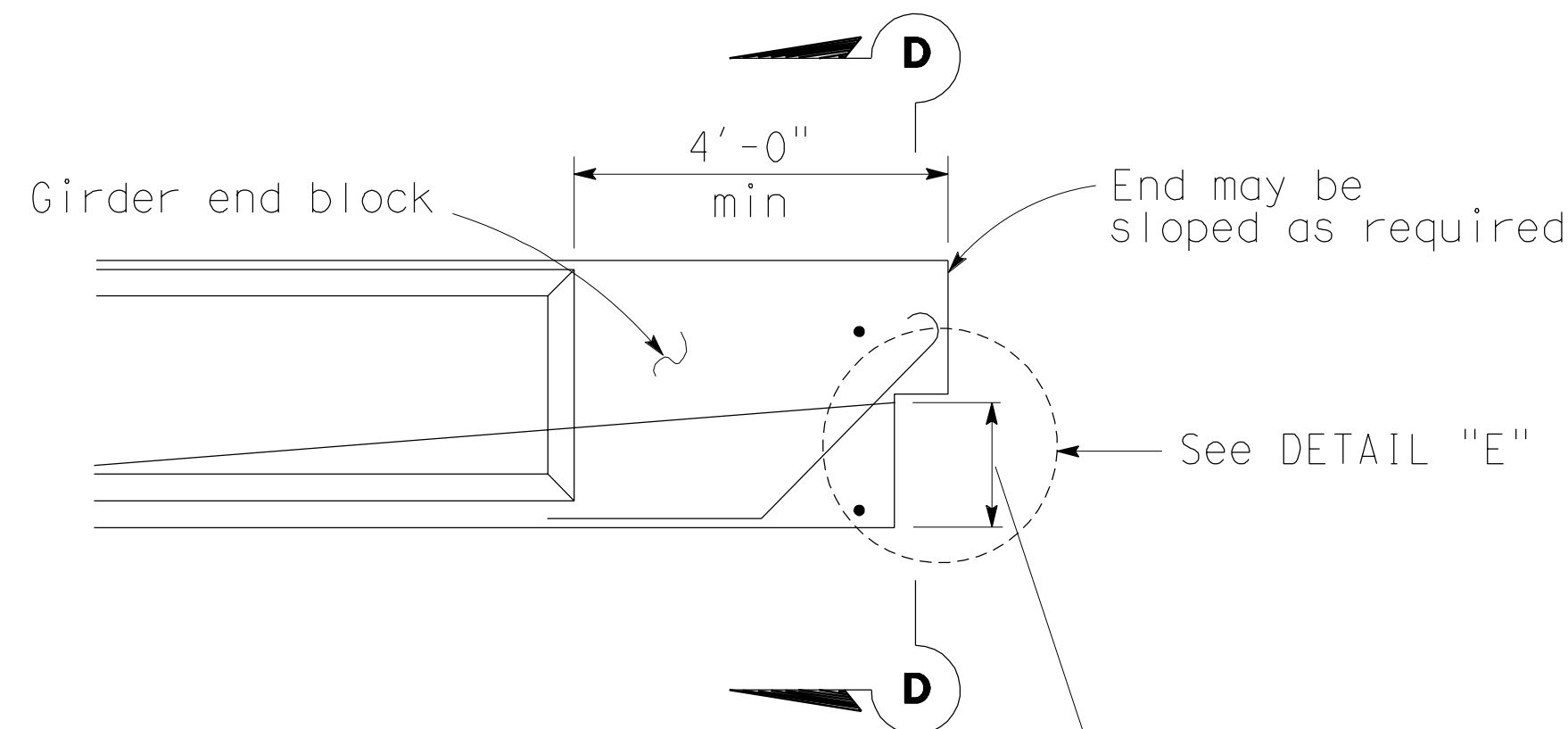
CLEARANCES FOR PRETENSIONED STRANDS

- Strands may be bundled in groups consisting of 3 vertically 2 horizontally, and separated at the ends.
- The min distance "S" between groups or individual strands is $1\frac{1}{2}$ " for $\frac{3}{8}$ " strands, $1\frac{3}{4}$ " for $\frac{7}{16}$ " strands and $\frac{1}{2}$ " strands, 2" for 0.6" strands.
- "S" is measured between centers of adjacent strands.
- Approval of Engineer is required for deviation.



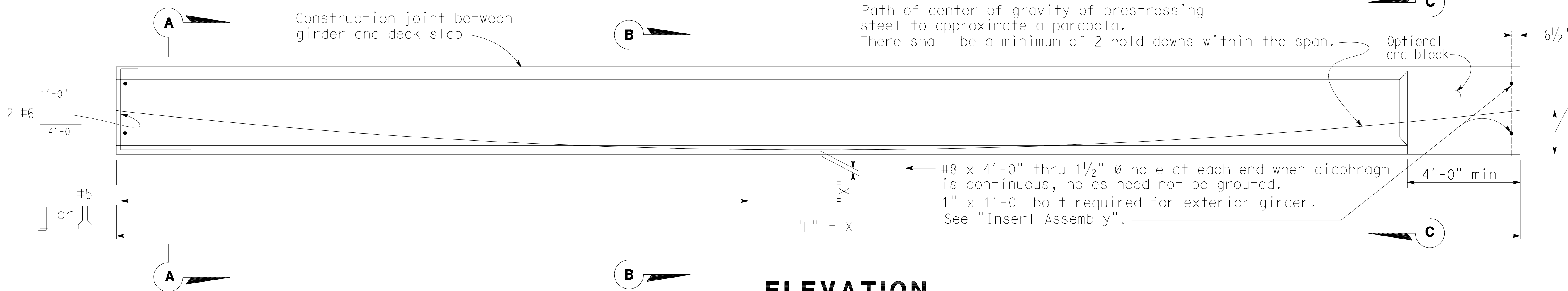
DETAIL "E"

For optional notched end detail only



OPTIONAL NOTCHED END DETAIL

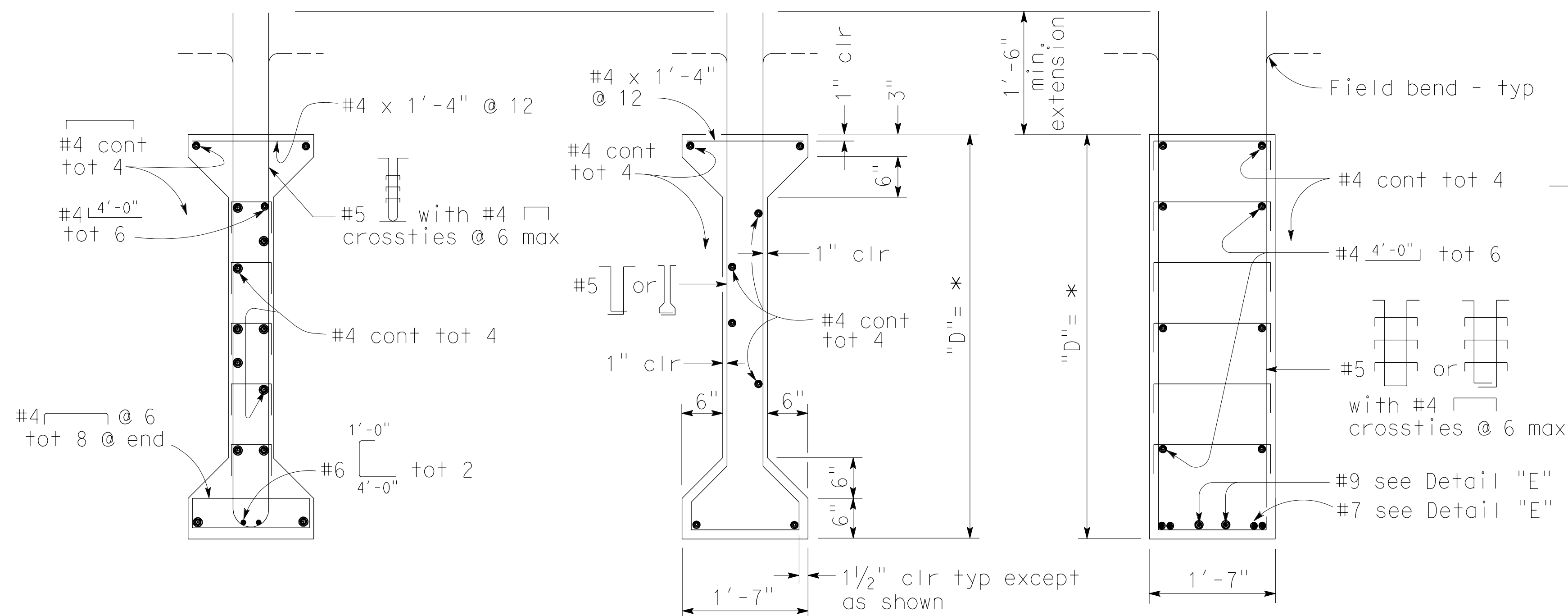
P/S CG Dimension = *
Tolerance = *



ELEVATION

* Engineer to fill in these values

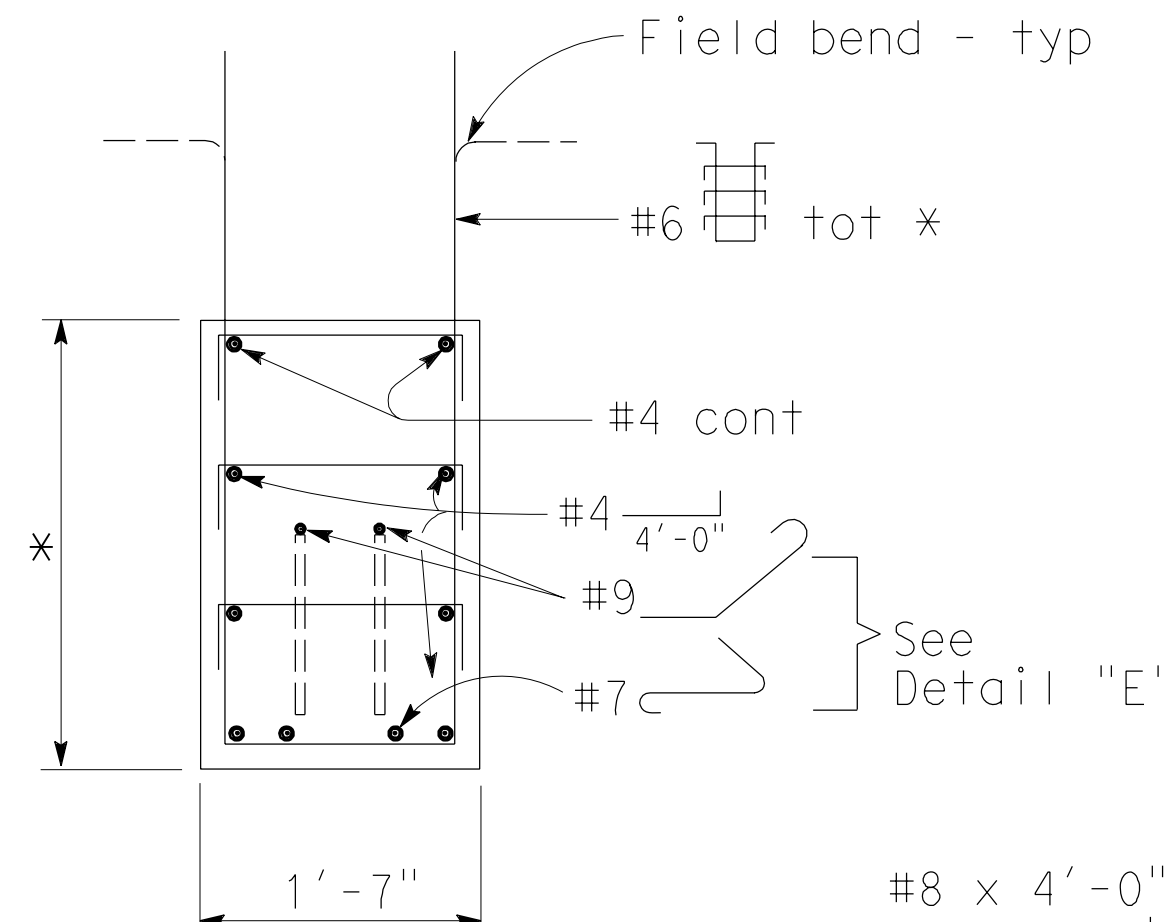
Girder location or designation and length	Jacking Force (P) in Kips	Concrete Strength (Ksi)		Deflection Components in Inches	
		f'ci	f'c	① Deck DL	② Rail DL
	"X"				



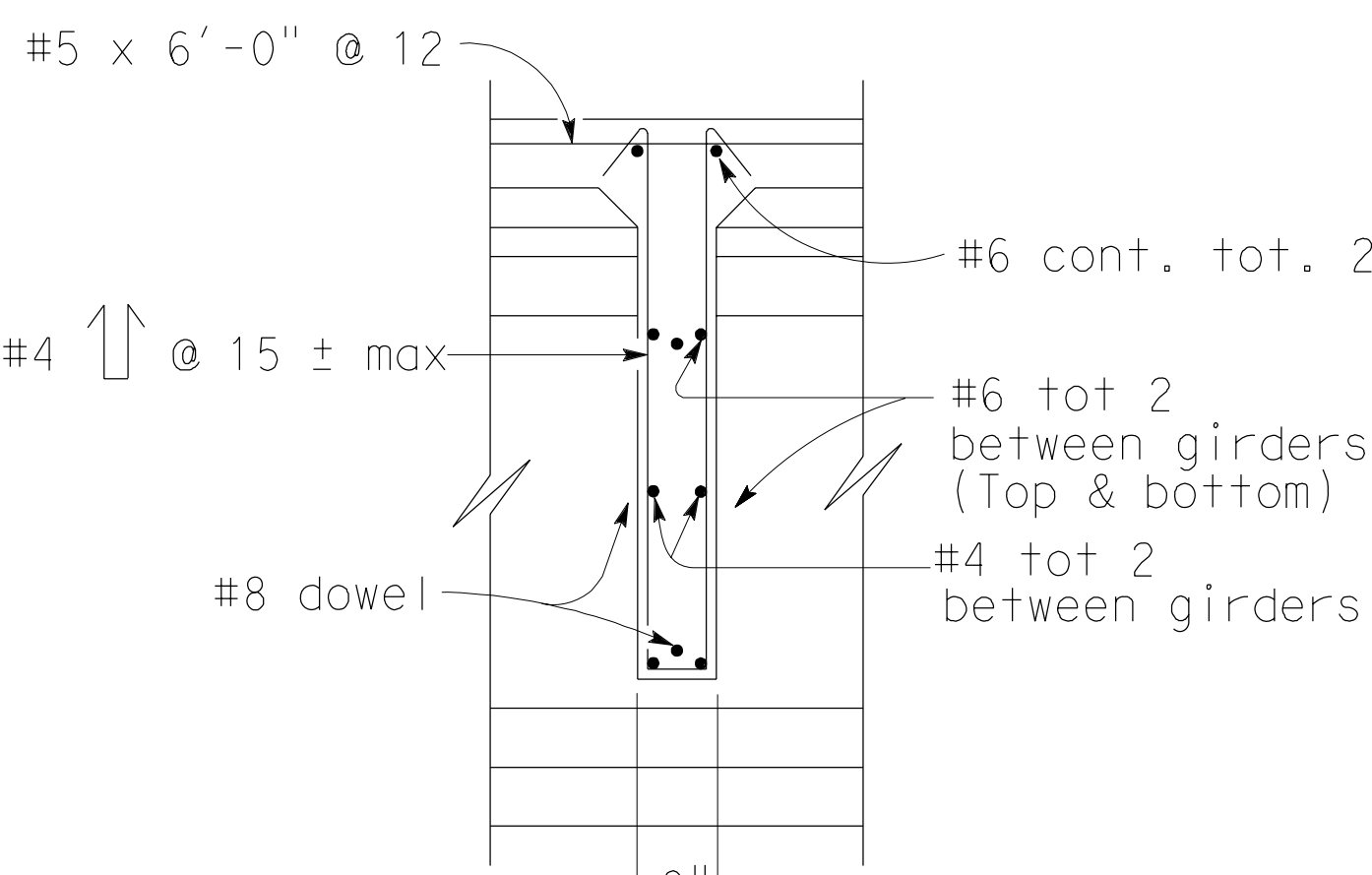
SECTION A-A

SECTION B-B

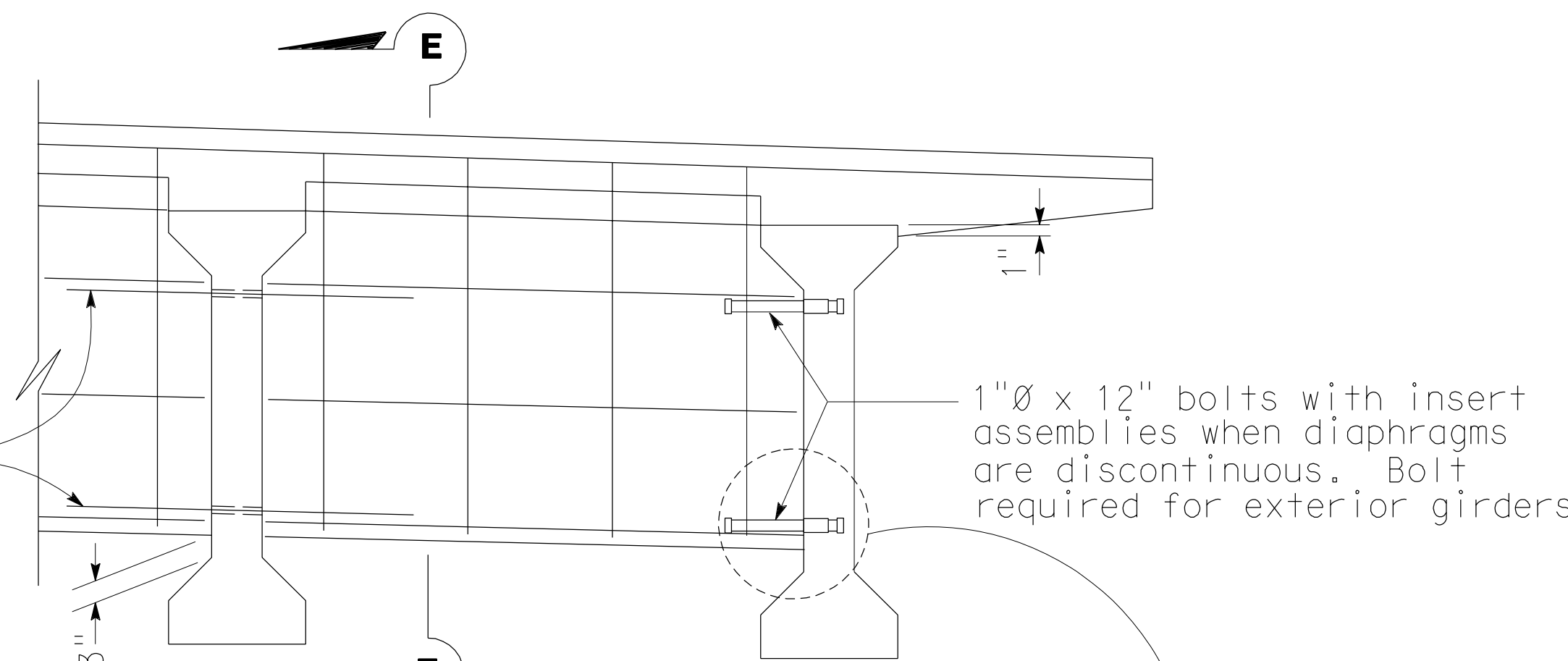
SECTION C-C



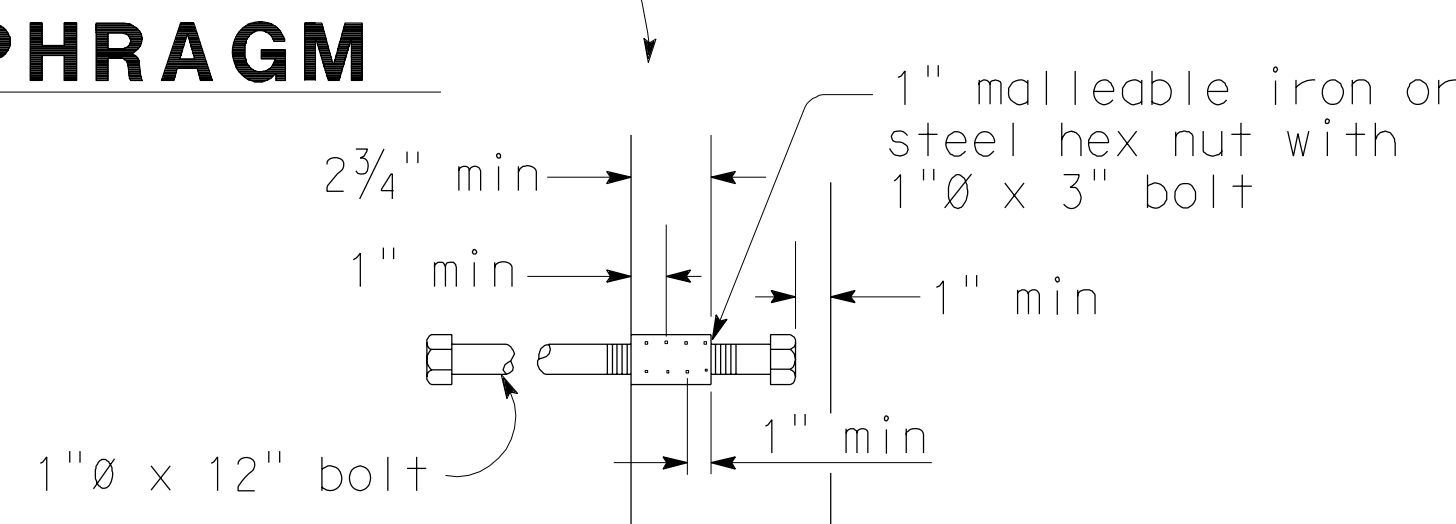
SECTION D-D



SECTION E-E



INTERMEDIATE DIAPHRAGM



INSERT ASSEMBLY

STANDARD DRAWING			STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION		DIVISION OF ENGINEERING SERVICES		BRIDGE NO. POST MILE		PRECASI PRESTRESSED I GIRDER (LRED)		
FILE NO. xs 1-120-e	APPROVED BY <u>Jim Mo</u> RESPONSIBLE TECHNICAL SPECIALIST	RELEASED BY <u>Sharon Boat</u> RESPONSIBLE OFFICE CHIEF	CU		EA		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)		
APPROVAL DATE <u>07-21-08</u>		RELEASE DATE <u>07-21-08</u>		CU		EA		10-11-08 11-24-08 12-26-08 01-27-09 02-27-09 03-05-09		SHEET OF	
DS OSD 2147A (ENGLISH STANDARD DRAWING "XS" BORDER REV. 01/11/08)		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		0 1 2 3		CU		EA		USERNAME => \$USER \$REQUEST	